

SECTION 1: Identification of the substance / materials and of the supplier

1.1 Product name: ejotherm NK U
1.2 Product description: Dowel sleeve and nail
1.3 Supplier: EJOT Baubefestigungen GmbH
Adress: In der Stockwiese 35
57334 Bad Laasphe, Germany
Phone: +49/2752/908-0

SECTION 2: Potential risks

2.1 Ranking of the substance: This product does not classify as hazardous according to EU guidelines

SECTION 3: Composition / information on ingredients

3.1 Substances: **Steel nail:**
Mechanical fastener made of metal case hardened steel according to DIN 10263
Dowel sleeve:
High density polyethylene (PE-HD)

3.2 Mixtures: No registrable hazardous substance(s) or complex substance(s)

SECTION 4: First aid measures

No hazards apply directly from the product

SECTION 5: Fire fighting measures

5.1 Suitable extinguishing agents: Foam, extinguishing powder, water mist
Unsuitable extinguishing agents: Water in full jet

5.2 Special hazards arising from the substance
In the event of a fire, the following may be released:
- Carbon dioxide (CO₂) and carbon monoxide (CO) -in case of oxygen deficiency (O₂)
- Formation of toxic gases possible

5.3 Advice for fire fighting: Fire residues and contaminated extinguishing water must be disposed of with the official regulations

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Not required
6.2 Environmental protection measures: Not required
6.3 Additional information: No hazardous substances are released

SECTION 7: Handling and storage

7.1 Protective measures for safe handling: No special measures required

7.2 Conditions for safe storage taking incompatibilities into account: Protect from heat and direct sunlight. Dry storage

SECTION 8: Exposure control and limitation / personal protective equipment

8.1 Parameters to be monitored: None

8.2 Limitation and monitoring of exposure: None

8.3 Personal protective equipment: None

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties of the dowel sleeve and overmoulding

Form: Granulate, solid
Colour: different, customer dependend
Scent: almost odourless, typical of paraffin wax

9.1.1 Additional information

-Melting point/melting range: 130 - 150°C
-boiling point/boiling range: Not applicable
-Flash point: Not applicable
-Self-ignitability: The product is not self-igniting
-Explosion hazard: The product is not explosive
-Solubility / Miscibility with Water: Insoluble

9.2 Information on the basic physical and chemical properties of the steel nail

Form: mostly cylindrical
Colour: shiny metallic
Scent: almost odourless, but typical of mineral oil for oiled fasteners

9.2.1 Additional information

-Melting point/melting range: Not applicable
-boiling point/boiling range: Not applicable
-Flash point: Not applicable
-Self-ignitability: The product is not self-igniting
-Explosion hazard: The product is not explosive
-Solubility / Miscibility with Water: Insoluble

SECTION 10: Stability and reactivity

10.1 Stability: The product is stable under normal handling

10.2 Conditions to avoid: Excessive heat, direct sunlight

10.5 Incompatible materials: No incompatibility known

10.6 Hazardous decomposition products: No dangerous decomposition products known at room temperature

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:	None
Primary irritant effect:	
-on skin	No irritant effect
-on eye	No irritant effect
Sensitisation:	No sensitising effect known

Additional toxicological information: According to our experience and the information available to us, the product does not cause any harmful effects when handled and used as intended.

SECTION 12: Environmental information

12.1 Ecotoxicity:	Not specified
12.2 Data on elimination (persistence and degradability):	Not specified
12.3 Behaviour in environmental compartments:	Not specified
12.4 Mobility and bioaccumulation potential:	No dangerous bioaccumulation occurs
12.5 Stability and degradability:	The substance has no harmful effects on the environment, in nature as a foreign substance with very slow biodegradability. Insoluble in water.
12.6 General information:	The product is not toxic, but small particles may have physical effects on aquatic and terrestrial organisms.
12.7 Results of PBT-Evaluation:	Not specified
12.8 Other negative effects:	The product is not considered harmful or dangerous.

SECTION 13: Disposal instructions

13.1 Waste treatment process:	Contact waste exchanges about recycling. Contact manufacturer for recycling. Can be reused after refurbishment.
13.2 European Waste Catalogue (EAK, EWC, CED)	070213 Plastic waste from (MFSU) of plastics 170405 Steel nail
13.3 Uncleaned packaging:	See waste treatment process
13.4 Recommendation:	The packaging is recycled in accordance with the Waste Management Act.

SECTION 14: Transport information

14.1 Special precautions for the user: the product is not classified as hazardous according to national and international regulations

SECTION 15: Legal provisions

15.1 Safety, health and environmental regulations / specific legislation for the substance or mixture: This product does not require a safety data sheet according to Article 31 of the REACH Regulation.

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product in terms of environmental, health and safety requirements. However, they should not be interpreted as a guarantee of specific product characteristics. EJOT accepts no responsibility for the behaviour of dealers and processors who do not comply with the above information. This applies in particular to improper and negligent handling, processing and use of the product.

16.2 Information-providing area:

EJOT Holding GmbH & Co.KG

Environment & Health & Safety Management Department

Heinrich Wied, REACH Commissioner

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